

EXHIBIT 1



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FIGURE 7J

SEQ ID NO: 155-206	Genotype cons.	1
155-176	type 1	MSTNPKPQORQTKRNTNRPQPKFPGGGQIIVGGYV1LPRR3PR1GVRatRKTSESRSPQRQPIPKARpPcsWaqP3yPPP1YgmgG9MAGW
177-186	type 2	MSTNPKPQORQTKRNTNRPQPKFPGGGQIIVGGYV1LPRR3PR1GVRatRKTSESRSPQRQPIPKARpPcsWaqP3yPPP1YgmgG9MAGW
187-190	type 3	MSTNPKPQORQTKRNTNRPQPKFPGGGQIIVGGYV1LPRR3PR1GVRatRKTSESRSPQRQPIPKARpPcsWaqP3yPPP1YgmgG9MAGW
191-197	type 4	MSTNPKPQORQTKRNTNRPQPKFPGGGQIIVGGYV1LPRR3PR1GVRatRKTSESRSPQRQPIPKARpPcsWaqP3yPPP1YgmgG9MAGW
198-205	type 5	MSTNPKPQORQTKRNTNRPQPKFPGGGQIIVGGYV1LPRR3PR1GVRatRKTSESRSPQRQPIPKARpPcsWaqP3yPPP1YgmgG9MAGW
206	type 6	MSTLPKPQORQTKRNTNRPQPKFPGGGQIIVGGYV1LPRR3PR1GVRatRKTSESRSPQRQPIPKARpPcsWaqP3yPPP1YgmgG9MAGW

SEQ ID NO: 155-206	Genotype cons.	97
155-176	type 1	LLSPRGSRPNSGQDPRRSRNQGVIDT1TCGFDLQGQIPVGAAPGGVAAALANGVRALEDINATGNLPPCSFSIFLALISCL1tVpASH
177-186	type 2	LLSPRGSRPBMGPDPRRSRNQGVIDT1TCGFDLQGQIPVGAAPGGVAAALANGVRALEDINATGNLPPCSFSIFLALISCL1tVpASH
187-190	type 3	LLSPRGSRPNSGQDPRRSRNQGVIDT1TCGFDLQGQIPVGAAPGGVAAALANGVRALEDINATGNLPPCSFSIFLALISCL1tVpASH
191-197	type 4	LLSPRGSRPNSGQDPRRSRNQGVIDT1TCGFDLQGQIPVGAAPGGVAAALANGVRALEDINATGNLPPCSFSIFLALISCL1tVpASH
198-205	type 5	LLSPRGSRPNSGQDPRRSRNQGVIDT1TCGFDLQGQIPVGAAPGGVAAALANGVRALEDINATGNLPPCSFSIFLALISCL1tVpASH
206	type 6	LLSPRGSRPNSGQDPRRSRNQGVIDT1TCGFDLQGQIPVGAAPGGVAAALANGVRALEDINATGNLPPCSFSIFLALISCL1tVpASH

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FIGURE 7J

SEQ ID NO: 155-206	Genotype cons.	Genotype cons.	Genotype cons.
155-176	type 1	1	MSTNPKPQDQPTKANTNRRPQDVKFPGGCQIVVGGVY11PRRSPR1GTRATKCSERSQPRGRQPIpkRtpcGrSwaqPGC/pwp1YgnEGCgNAGW
157-186	type 2		MSTNPKPQDQPTKANTNRRPQDVKFPGGCQIVVGGVY11PRRSPR1GTRATKCSERSQPRGRQPIpkRtpcGrSwaqPGC/pwp1YgnEGCgNAGW
187-190	type 3		MSTLPKPQDQPTKANTNRRPQDVKFPGGCQIVVGGVY11PRRSPR1GTRATKCSERSQPRGRQPIpkRtpcGrSwaqPGC/pwp1YgnEGCgNAGW
191-197	type 4		MSTLPKPQDQPTKANTNRRPQDVKFPGGCQIVVGGVY11PRRSPR1GTRATKCSERSQPRGRQPIpkRtpcGrSwaqPGC/pwp1YgnEGCgNAGW
198-205	type 5		MSTLPKPQDQPTKANTNRRPQDVKFPGGCQIVVGGVY11PRRSPR1GTRATKCSERSQPRGRQPIpkRtpcGrSwaqPGC/pwp1YgnEGCgNAGW
198-206	type 6		MSTLPKPQDQPTKANTNRRPQDVKFPGGCQIVVGGVY11PRRSPR1GTRATKCSERSQPRGRQPIpkRtpcGrSwaqPGC/pwp1YgnEGCgNAGW
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FIGURE 7J

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SEQ ID NO.	Genotype	Cons.	Sequence
155-206	1	MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN	MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN
155-176	type 1		MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN
177-186	type 2		MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN
187-190	type 3		MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN
191-197	type 4		MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN
198-205	type 5		MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN
206	type 6		MSTNPKPQSRPDKRNTNRRPQDVKPGGQIIVGGYIILPRRSPR1GIVatcRKtSERSQPRGCRQPIpkArpGrMaqPGCypuPIYgnEGCgNAGN

SEQ ID NO.	Genotype	Cons.	Sequence
155-206	97	LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash	LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash
155-176	type 1		LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash
177-186	type 2		LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash
187-190	type 3		LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash
191-197	type 4		LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash
198-205	type 5		LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash
206	type 6		LLSPGSRPNSGNDPRRSRNLYKVDTLTCGfADLNGYIPLVapIGGVARALANGYV1EDDvNYATC1IPLCSFSIFLA1SCL1vPash

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FIGURE 7J

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